

Data File : VV011466.D  
Acq On : 13 Jun 2019 17:49  
Operator : SY/MD  
Sample : K3313-19DL 40X  
Misc : 25ML/MSVOA\_V/WATER  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
COM11DL

Quant Time: Jun 14 05:44:36 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVTR060419WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Fri Jun 14 04:38:08 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.66  | 114  | 137503   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.90  | 117  | 124344   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.30 | 152  | 45627    | 5.00 | ug/L  | 0.00     |

#### System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32   | 65    | 51874    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 99.60%  |
| 7) Chloroethane-d5             | 1.58   | 69    | 40302    | 4.65     | ug/L | 0.03    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 93.00%  |
| 11) 1,1-Dichloroethene-d2      | 2.12   | 63    | 88976    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 85.40%  |
| 20) 2-Butanone-d5              | 3.97   | 46    | 114999   | 49.03    | ug/L | 0.02    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 98.06%  |
| 24) Chloroform-d               | 4.40   | 84    | 90196    | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.08   | 65    | 52303    | 5.28     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 105.60% |
| 32) Benzene-d6                 | 5.10   | 84    | 183039   | 4.92     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.12   | 67    | 55578    | 4.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 97.00%  |
| 41) Toluene-d8                 | 7.36   | 98    | 159528   | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 93.40%  |
| 43) trans-1,3-Dichloropropene- | 7.67   | 79    | 15355    | 3.52     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 70.40%  |
| 46) 2-Hexanone-d5              | 8.14   | 63    | 84753    | 45.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 91.86%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.26  | 84    | 35884    | 4.59     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 91.80%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.67  | 152   | 45249    | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 100.40% |

| Target Compounds           |      |    |       |            | Qvalue |
|----------------------------|------|----|-------|------------|--------|
| 12) 1,1-Dichloroethene     | 2.14 | 96 | 6009  | 0.694 ug/L | # 1    |
| 22) cis-1,2-Dichloroethene | 3.96 | 96 | 6450  | 0.600 ug/L | 99     |
| 29) 1,1,1-Trichloroethane  | 4.66 | 97 | 8086  | 0.510 ug/L | 96     |
| 34) Trichloroethene        | 5.96 | 95 | 99680 | 9.752 ug/L | 99     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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